## Mathematics: Image 1-2

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 $\label{eq:Description:} Description:$ 

$$\left\{ \begin{array}{ll} \overline{AB} \mid & A = \left( -\sin(\frac{2\pi k}{1000}) \ , \ -\cos(\frac{2\pi k}{1000}) \right) \\ & , \end{array} \right. \\ \left. B = \left( \begin{array}{ll} -1 \over 2 \sin(\frac{4\pi k}{1000}) \ , \\ \end{array} \right. \\ \left. \begin{array}{ll} -1 \over 2 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & , \end{array} \\ \left. \begin{array}{ll} k = 1, 2, 3, ..., 1000 \\ \end{array} \right\} \\ \left. \begin{array}{ll} A = \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left( \begin{array}{ll} -1 \cos(\frac{2\pi k}{1000}) \\ \end{array} \right) \\ & \left($$

